

ABSTRACT

An inhalation device and method to deliver a pre-selected dose of medication to a user. The inhalation device comprises an enclosure having an inhalation tube. The inhalation tube has an inlet end and an outlet end. A medication dispenser is coupled to the enclosure and is in communication with the inhalation tube. A sensor is mounted in the enclosure with at least a portion of the sensor extending into the inhalation tube. The sensor has a characteristic of responding in proportion to speed of gas flowing in a given direction within the inhalation tube. An electrical circuit is coupled to the sensor and medication dispenser and is configured to trigger the medication dispenser wherein a dose of medication is expelled into the inhalation tube upon receipt of a signal from the sensor at a predetermined gas flow speed in the inhalation tube.